

# Mahavir Industries

(Manufacturer and Exporter of Dyestuff)  
(A Govt Recognised Star Export House)

## SPECIFICATION OF MAHACOL PATENT BLUE V LAKE

PRODUCT DESCRIPTION	
C.I. Name	FOOD BLUE 5
C.I. No.	42051
CAS Registry No.	3536-49-0
EU No.	222-573-8
Molecular Weight	582.66
Chemical Formula	C <sub>27</sub> H <sub>31</sub> N <sub>2</sub> NaO <sub>7</sub> S <sub>2</sub>
E. E. C. NO.	E-131

No.	CHARACTERISTIC	LD	MD	HD
1)	Total Dye content on AS IS Basis	11 - 20%	21 – 30%	31 – 42%
2)	Total Dye Content on Dry Basis	11 -20%	21 – 30%	31 – 42%
3)	Moisture at 110°C for 2 Hours	18% Max	18% Max	18% Max
4)	PH of 2% slurry	3.7 – 5.0	3.7 – 5.0	3.7 – 5.0
5)	Bleeding for Free Dye Content	0.4% Max	0.4% Max	0.4% Max
6)	Sieve Analysis by 325 mesh	85% Min	85% Min	85% Min
7)	Bulk density (g./ml)	0.4% Max	0.4% Max	0.4% Max
8)	Lead, mg/kg, Max.	10 Max	10 Max	10 Max
9)	Arsenic, mg/kg, Max.	3 Max	3 Max	3 Max
10)	Heavy metals mg/kg, max.	20 Max	20 Max	20 Max
11)	Mercury mg./kg	1 Max	1 Max	1 Max
12)	Cadmium mg./kg	1 Max	1 Max	1 Max

Dye content of  $\pm 1\%$  is consistently maintained in Alluminium Lake Pigments from 11% to 42% strength

LD	MD	HD

STANDARD PACKAGING	
25 Kgs / 20 Kgs / 10 Kgs	Paper Bags / HDPE Bags
25 Kgs / 20 Kgs	Fiber Drum / Plastic Drum
Big Bags type	On Request



**REGISTERED OFFICE**

1007-1008, DEV ATELIER COMPLEX, NR. SEEMA HALL, PRAHLADNAGAR ROAD, SATELLITE, AHMEDABAD – 380015 INDIA.

**FACTORY**

C-1/58 PHASE-2 GIDC, ESTATE, VATVA-AHMEDABAD, 382445-GUJARAT INDIA  
(O) +91 79 - 4008 5720 www.mahavirdyes.com, info@mahavirdyes.com